

# Claims

- [c1] 1. A method for analysis of a medical fluid, comprising the steps of  
providing a fluid bag for containing a medical fluid, said bag being integrally connected to an analysis device through a connection tube, said analysis device containing a reagent capable of reacting with a component in said medical fluid and said analysis device having an air pocket to draw the medical fluid present in the fluid bag into the analysis device,  
expanding the air pocket, and  
flowing the fluid into the connection tube and into contact with the reagent in the analysis device.
- [c2] 2. The method according to claim 1, further comprising opening fluid communication from said fluid bag to said analysis device.
- [c3] 3. The method according to claim 2 wherein said step of opening fluid communication comprises breaking a frangible pin. or membrane, or by opening a valve.
- [c4] 4. The method according to claim 2 wherein said step of opening fluid communication comprises breaking a

membrane.

- [c5] 5. The method according to claim 2 wherein said step of opening fluid communication comprises opening a valve.
- [c6] 6. The method according to claim 2, further comprising arranging a cassette surrounding the air pocket, exerting a negative pressure inside the cassette in order to generate an under-pressure in the air pocket, and flowing the medical fluid into the analysis device.
- [c7] 7. The method according to claim 1, further comprising displaying a reaction of the reagent.
- [c8] 8. The method according to claim 7, further comprising reading the reaction of the reagent by an optical analysis apparatus arranged at the cassette means.
- [c9] 9. A device for analysis of a medical fluid, comprising a fluid bag,  
a connection tube having one end integral with the fluid bag;  
an air pocket integrally connected at a second end of the connection tube; and  
analysis means within said air pocket and in fluid communication with said connection tube, said analysis means comprising a reagent material capable of reacting with components in said fluid.

- [c10] 10. The device according to claim 9, further comprising a blocking device arranged in the connection tube.
- [c11] 11. The device according to claim 10 wherein the blocking device is a frangible pin.
- [c12] 12. The device according to claim 10 wherein the blocking device is a membrane.
- [c13] 13. The device according to claim 10 wherein the blocking device is a valve.
- [c14] 14. The device according to claim 9, further comprising a cassette surrounding the air pocket.
- [c15] 15. The device according to claim 9, further comprising an optical device for detecting the reaction of the analysis means.
- [c16] 16. The device according to claim 9, wherein the air pocket comprises two connected plastic foils, and said reagent material is coated on an inner surface of at least one of said foils.
- [c17] 17. The device according to claim 16, wherein the air pocket is expandable and has a maximum volume larger than the volume of the air enclosed in the connection tube.

